

ABSTRACT

An orthodontic bracket design is disclosed together with the associated method of attachment to a tooth wherein the bracket contains an integral light source
5 such as a solid state emitter. The bracket is placed on a tooth using a tool that also provides electrical power to the bracket to cause the integral light emitter to produce radiation of an appropriate wavelength to cure the adhesive used to attach the bracket to a tooth. The
10 electrically powered bracket system overcomes many of the variabilities associated with the current clinical present practice of bonding orthodontic brackets to teeth to provide faster, stronger, and more consistent bonding.